

Vermont EMT-Intermediate Certification Information for Reciprocity Applicants

The Vermont Office of Emergency Medical Services offers two levels of EMT-Intermediate certification. The EMT-I-90 curriculum consists of selected portions of the 1985 national standard paramedic curriculum and covers the topics outlined below. The EMT-I-03 consists of selected portions of the 1999 national standard EMT-Intermediate curriculum augmented by a few topics from the 1998 national standard paramedic curriculum. It covers the topics outlined on the next page. A chart on the next page provides a side-by-side comparison of the topics covered in the two courses. For additional information, contact the Vermont EMS Office.

EMERGENCY MEDICAL TECHNICIAN – INTERMEDIATE – 90 Content Outline

Section 1: Roles and Responsibilities

- I. Medical Ethics and Professionalism
- II. Post-Graduation Responsibilities

Section 2: EMS Systems

Section 3: Medical/Legal Considerations

- I. Essential Principles
- II. Standard of Care
- III. Medical Liability
- IV. Areas of Potential Medical Liability
- V. Medical Liability protection

Section 4: Medical Terminology

Section 5: EMS Communications

- I. Communication Systems
- II. Rules and Operating Procedures
- III. Communication of Medical Information
- IV. Communication Skills

Section 6: General Patient Assessment and Management

- I. Scene Survey
- II. Primary Survey
- III. Resuscitation
- IV. Secondary Survey
- V. History
- VI. Definitive Field Management
- VII. Re-evaluation

Section 7: Airway Management and Ventilation

- I. Airway Anatomy and Physiology
- II. Assessment
- III. Management
- IV. Respiratory Illness
- V. Chest Injuries

Section 8: Assessment and Management of Shock

- I. Definition of Shock
- II. Physiology of Perfusion
- III. Fluids and Electrolytes
- IV. Types of Shock
- V. Pathophysiology
- VI. Assessment
- VII. Management

Section 9: Pharmacology

- I. General Pharmacology
- II. Anaphylaxis
- III. Diabetic Emergencies
- IV. Narcotic Overdose and Coma

Section 10: Major Incident Response and Stress Management

Initial Program Length

All programs must meet the content and objectives of Vermont's EMT-I-90 curriculum. The curriculum includes at least the following amount of training in these areas:

Didactic	63 hours
Clinical	<u>20 hours</u>
Total	83 hours

EMERGENCY MEDICAL TECHNICIAN – INTERMEDIATE – 03

Content Outline

Module 1: Preparatory

Sec 1-1: Foundations of EMT-Intermediate
 Sec 1-2: Overview of Human Systems
 Sec 1-3: Emergency Pharmacology
 Sec 1-4: Venous Access and Medication Administration

Module 2: Airway

Sec 2-1: Airway Management and Ventilation

Module 3: Patient Assessment

Sec 3-1: History Taking
 Sec 3-2: Techniques of Physical Examination
 Sec 3-3: Patient Assessment
 Sec 3-4: Clinical Decision Making

Sec 3-5: Communications

Sec 3-6: Documentation

Module 4: Trauma

Sec 4-1: Trauma Systems & Mechanism of Injury
 Sec 4-2: Hemorrhage and Shock

Module 5: Medical

Sec 5-1: Respiratory Emergencies
 Sec 5-2: Cardiovascular Emergencies
 Sec 5-3: Diabetic Emergencies
 Sec 5-4: Allergic Reactions
 Sec 5-5: Poisoning/Overdose Emergencies
 Sec 5-6: Neurological Emergencies

Module 7: Assessment Based Management

Sec 7-1: Assessment Based Management

Initial Program Length

All programs must meet the content and objectives of Vermont's EMT-I-03 curriculum. The curriculum includes at least 104 hours of didactic material in addition to clinical experience, which is based on patient encounters rather than hours.

Comparison of EMT-I-90 and EMT-I-03

Subject/Intervention	I-90	I-03
Basic and advanced airway management, including Esophageal Tracheal Combitube	Yes	Yes
Collect blood samples	Yes	Yes
Establish and monitor peripheral IVs (including saline locks)	Yes	Yes
Infuse crystalloid solutions	Yes	Yes
Manage medical emergencies: anaphylaxis, hypoglycemia, narcotic overdose	Yes	Yes
Administer medications upon verbal order: epinephrine 1:1000, 50% dextrose, naloxone	Yes	Yes
Administer medications by subcutaneous and intravenous push routes	Yes	Yes
Use blood glucose monitor	No	Yes
Manage medical emergencies: cardiac compromise, dyspnea	No	Yes
Administer medications upon verbal order: glucagon, aspirin, nitroglycerin, albuterol, thiamine	No	Yes
Administer medications by intramuscular, intranasal, inhaled, oral, sublingual routes	No	Yes